CLAIMS

1. A construction machine comprising:

a variable displacement hydraulic pump driven by a prime mover;

a single traveling actuator driven with pressure oil discharged from the hydraulic pump;

a plurality of work actuators driven with the pressure oil discharged from the hydraulic pump;

a plurality of control valves that control flows of the pressure oil from the hydraulic pump to each of the traveling actuator and the plurality of work actuators;

a detection means for detecting a drive command for the traveling actuator; and

a flow rate control means for increasing a maximum flow rate of the hydraulic pump when the drive command for the traveling actuator is detected with the detection means.

2. A construction machine according to claim 1, wherein:

the construction machine is a wheeled hydraulic excavator.

3. A construction machine according to claim 2, wherein:

the work actuators include a revolving actuator that revolves a revolving superstructure, a boom actuator that

drives a boom, an arm actuator that drives an arm, and a work tool actuator that drives a work tool; and

the control valves include a traveling control valve that controls a flow of the pressure oil to the traveling actuator, a revolving control valve that controls a flow of the pressure oil to the revolving actuator, a boom control valve that controls a flow of the pressure oil to the boom actuator, and an arm control valve that controls a flow of the pressure oil to the arm actuator, and a work tool control valve that controls a flow of the pressure oil to the work tool actuator.

4. A construction machine according to claim 3, further comprising:

a spare control valve.

5. A control valve according to claim 4, further comprising:

a pair of crawler travel actuators that drive a pair of crawlers respectively, wherein:

the traveling control valve and the spare control valve control flows of the pressure oil to the pair of the crawler travel actuators respectively.

6. A construction machine according to any one of claims 1 through 5, wherein:

the flow rate control means comprises a displacement angle control means for adjusting a maximum displacement angle of the hydraulic pump, and increases the maximum displacement angle when the drive command for the traveling actuator is detected with the detection means.

7. A construction machine according to claim 6, wherein:

the flow rate control means further comprises a rotation speed control means for controlling a rotation speed of the prime mover, and increases the rotation speed of the prime mover as well as increasing the maximum displacement angle of the hydraulic pump when the drive command for the traveling actuator is detected with the detection means.

8. A construction machine according to claim 6 or claim 7, wherein:

the hydraulic pump comprises a first hydraulic pump that supplies the pressure oil to at least the traveling actuator and a second hydraulic pump that supplies the pressure oil to at least actuators other than the traveling actuator, and only the maximum displacement angle of the first hydraulic pump is increased when the drive command for the traveling actuator is detected with the detection means.